

Claims

1. A formed regenerated thermoplastic resin product obtained by grinding a coated formed product mainly comprising a thermoplastic resin and at least partly coated with a coating compound mainly comprising a thermoplastic resin having compatibility with the thermoplastic resin with the coat left attached thereto, and then re-forming it, wherein the coating compound comprises a pigment incorporated therein, the pigment having been subjected to surface treatment with a resin having compatibility with the thermoplastic resin constituting the formed product and the thermoplastic resin constituting the coating compound.
2. The formed regenerated thermoplastic resin product as described in Claim 1, wherein the pigment is an inorganic and/or organic compound.
3. The formed regenerated thermoplastic resin product as described in Claim 1, wherein the pigment is an aluminum flake.
4. The formed regenerated thermoplastic resin product as described in Claim 2 or 3, wherein the thermoplastic resin constituting the coating compound is a thermoplastic acrylic resin or styrene-modified acrylic resin.
5. The formed regenerated thermoplastic resin product as described in Claim 3, wherein the aluminum flake is coated with an organic polymer.
6. The formed regenerated thermoplastic resin product as described in Claim 5, wherein the organic polymer is an acrylic resin.
7. The formed regenerated thermoplastic resin product as described

in Claim 5, wherein the aluminum flake is coated with a copolymer obtained by dissolving an ethylenically unsaturated monomer in an organic solvent, and then subjecting the solution to heat polymerization in the presence of a polymerization initiator or by reacting at least two selected from the group consisting of oligomers and monomers having at least one polymerizable double bond.

8. The formed regenerated thermoplastic resin product as described in Claim 5, wherein the spread of the organic polymer over the aluminum flake is 0.5% by weight or more based on the weight of the aluminum flake.